

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start		Rating **	A	Issue No.	33
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_NA0022_01_s_2013_33				
Comment Code					
Inspector Comment					
Yolo County has copies of the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	34
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_NA0022_01_s_2013_34				
Comment Code					
Inspector Comment					
Yolo County OES has a written flood response plan and flood response training.					

No Photos

LM Start		Rating **	A	Issue No.	38
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_NA0022_01_s_2012_38				
Comment Code					
Inspector Comment					
Yolo County OES has a stockpile of flood response material.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	0.15	Rating **	C	Issue No.	49
LM End	0.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.800842 °	38.800842 °
				-121.722777 °	-121.722777 °
DWR ID	DWR_NA0022_01_f_2018_49				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	0.19	Rating **	M	Issue No.	43
LM End	0.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.801122 °	38.801122 °
				-121.722265 °	-121.722265 °
DWR ID	DWR_NA0022_01_s_2019_43				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2019_NA0022_350_43_20190329_00128.jpg



View of vegetation on the waterside slope. Spring 2019.

LM Start	0.29	Rating **	N	Issue No.	150
LM End	0.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.801637 °	38.801637 °
				-121.720605 °	-121.720605 °
DWR ID	DWR_NA0022_01_s_2017_150				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	0.35	Rating **	M	Issue No.	102
LM End	0.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.801887 °	38.802225 °
				-121.719587 °	-121.717186 °
DWR ID	DWR_NA0022_01_s_2016_102				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove trees less than 4" in diameter at chest height.					

Photo 1 of 1 : SP_2019_NA0022_350_102_20190304_00050.jpg



View of the trees on the waterward side of the levee looking downstream. Spring 2016.

LM Start	0.41	Rating **	M	Issue No.	104
LM End	0.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.802066 °	38.802126 °
				-121.718477 °	-121.718133 °
DWR ID	DWR_NA0022_01_s_2016_104				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2019_NA0022_350_104_20190304_00051.jpg



View of the tree on the landward side of the levee looking downstream. Spring 2016.

LM Start	0.99	Rating **	M	Issue No.	50
LM End	1.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.800197 °	38.801805 °
				-121.708227 °	-121.703104 °
DWR ID	DWR_NA0022_01_f_2018_50				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
LMA is working to secure a spray contract for wild vegetation.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	1.07	Rating **	C	Issue No.	154
LM End	1.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.800364 °	38.800364 °
				-121.706751 °	-121.706751 °
DWR ID	DWR_NA0022_01_s_2017_154				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large tree trunk on waterside levee slope.					

No Photos

LM Start	1.36	Rating **	M	Issue No.	44
LM End	1.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.802148 °	38.799435 °
				-121.702010 °	-121.698462 °
DWR ID	DWR_NA0022_01_s_2019_44				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	1.52	Rating **	M	Issue No.	69
LM End	1.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.800988 °	38.800988 °
				-121.699597 °	-121.699597 °
DWR ID	DWR_NA0022_01_s_2018_69				
Comment Code					
TR : Tree or limb					
Inspector Comment					
A fallen tree is located on the waterside slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	1.77	Rating **	M	Issue No.	112
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.797596 °	38.797596 °
				-121.697855 °	-121.697855 °
DWR ID	DWR_NA0022_01_s_2016_112				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove walnut and oak trees at landside toe that are less than 4" in diameter at chest height.					

Photo 1 of 1 : SP_2019_NA0022_350_112_20190304_00052.jpg



View of the tree at the toe of the levee on the landward side looking downstream. Spring 2016.

LM Start	1.80	Rating **	C	Issue No.	68	
LM End	1.80	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.797282 °		38.797282 °
				-121.697636 °		-121.697636 °
DWR ID	DWR_NA0022_01_f_2017_68					
Comment Code						
PR : Prunings						
Inspector Comment						

No Photos

LM Start	1.81	Rating **	C	Issue No.	114
LM End	1.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.797142 °	38.797142 °
				-121.697479 °	-121.697479 °
DWR ID	DWR_NA0022_01_s_2016_114				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
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Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	1.96	Rating **	M	Issue No.	119
LM End	1.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.795418 °	38.795418 °
				-121.695964 °	-121.695964 °
DWR ID	DWR_NA0022_01_s_2016_119				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Multiple rodent holes are located on the landside slope near toe.					

Photo 1 of 2 : SP_2019_NA0022_350_119_20190304_00055.jpg



View of rodent holes on landside slope. Fall 2017.

LM Start	1.96	Rating **	M	Issue No.	119 (cont)
LM End	1.96	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2019_NA0022_350_119_20190304_00056.jpg



View of the rodent hole on the landward side of the levee. Spring 2016.

LM Start	1.96	Rating **	C	Issue No.	51
LM End	1.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.795405 °	38.795405 °
				-121.695965 °	-121.695965 °
DWR ID	DWR_NA0022_01_f_2018_51				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	1.96	Rating **	M	Issue No.	118
LM End	2.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.795360 °	38.794760 °
				-121.695952 °	-121.695781 °
DWR ID	DWR_NA0022_01_s_2016_118				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove trees that are less than 4" in diameter at chest height.					

No Photos

LM Start	1.97	Rating **	M	Issue No.	117
LM End	2.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.795234 °	38.793974 °
				-121.695898 °	-121.695852 °
DWR ID	DWR_NA0022_01_s_2016_117				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP_2019_NA0022_350_117_20190304_00053.jpg



View of rodent holes on landside slope. Fall 2017.

LM Start	1.97	Rating **	M	Issue No.	117 (cont)
LM End	2.06	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2019_NA0022_350_117_20190304_00054.jpg



Series of animal burrows on LS slope of the levee. Fall inspection 10/07/2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	2.11	Rating **	C	Issue No.	76
LM End	2.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.793379 °	38.793379 °
				-121.696158 °	-121.696158 °
DWR ID	DWR_NA0022_01_s_2018_76				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	2.14	Rating **	M	Issue No.	8
LM End	2.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.792956 °	38.792520 °
				-121.696025 °	-121.695581 °
DWR ID	DWR_NA0022_01_s_2012_8				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are more than 5 holes on the 25-foot stretch.					

Photo 1 of 2 : SP_2019_NA0022_350_8_20190304_00003.jpg



View of rodent holes on the landside slope. Spring 2018.

LM Start	2.14	Rating **	M	Issue No.	8 (cont)
LM End	2.18	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2019_NA0022_350_8_20190304_00004.jpg



View of rodent holes on landside slope. Fall 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	2.20	Rating **	M	Issue No.	160
LM End	2.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.792274 °	38.792274 °
				-121.695445 °	-121.695445 °
DWR ID	DWR_NA0022_01_f_2018_160				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree cuttings are located on the waterside and landside levees slopes.					

No Photos

LM Start	2.24	Rating **	M	Issue No.	35
LM End	2.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.791652 °	38.791172 °
				-121.695403 °	-121.695165 °
DWR ID	DWR_NA0022_01_s_2016_35				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair rills on the landward side of the levee.					

Photo 1 of 2 : SP_2019_NA0022_350_35_20190304_00015.jpg



Erosion is on the landward side of the levee. Spring 2016.

LM Start	2.24	Rating **	M	Issue No.	35 (cont)
LM End	2.28	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2019_NA0022_350_35_20190304_00016.jpg



Perspective view of the erosion on the landward side of the levee. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	2.30	Rating **	C	Issue No.	92
LM End	2.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.790825 °	38.790825 °
				-121.694900 °	-121.694900 °
DWR ID	DWR_NA0022_01_s_2018_92				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	2.35	Rating **	M	Issue No.	96
LM End	2.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.790206 °	38.790206 °
				-121.694534 °	-121.694534 °
DWR ID	DWR_NA0022_01_s_2019_96				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
There seems to be erosion around the concrete box encasing the pipe.					

Photo 1 of 4 : SP_2019_NA0022_350_96_20190304_00046.jpg



View of erosion on landside slope. Fall 2017.

LM Start	2.35	Rating **	M	Issue No.	96 (cont)
LM End	2.35	Issue Type +	Ma	Location *	LS

Photo 2 of 4 : SP_2019_NA0022_350_96_20190304_00047.jpg



Perspective view of the erosion around the pipe on the landward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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LM Start	2.35	Rating **	M	Issue No.	96 (cont)	
LM End	2.35	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.790206 °		38.790206 °
				-121.694534 °		-121.694534 °
DWR ID	DWR_NA0022_01_s_2019_96					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						
There seems to be erosion around the concrete box encasing the pipe.						

Photo 3 of 4 : SP_2019_NA0022_350_96_20190304_00048.jpg



The erosion is within the levee prism. Fall 2015.

LM Start	2.35	Rating **	M	Issue No.	96 (cont)
LM End	2.35	Issue Type +	Ma	Location *	LS

Photo 4 of 4 : SP_2019_NA0022_350_96_20190304_00049.jpg



View of the pipe in the concrete box. Fall 2015.

LM Start	2.41	Rating **	M	Issue No.	77
LM End	2.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.789364 °	38.788618 °
				-121.694551 °	-121.694253 °
DWR ID	DWR_NA0022_01_s_2018_77				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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LM Start	2.49	Rating **	M	Issue No.	163
LM End	2.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.788246 °	38.786891 °
				-121.694229 °	-121.694272 °
DWR ID	DWR_NA0022_01_s_2017_163				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove trees less than 4" diameter at chest height.					

No Photos

LM Start	2.52	Rating **	U	Issue No.	37
LM End	2.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.787778 °	38.787778 °
				-121.694296 °	-121.694296 °
DWR ID	DWR_NA0022_01_s_2014_37				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : SP_2019_NA0022_350_37_20190304_00019.jpg



Tree stump decomposing and may pose a risk to the levee. Spring 2014

LM Start	2.52	Rating **	U	Issue No.	123
LM End	2.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.787768 °	38.787768 °
				-121.694295 °	-121.694295 °
DWR ID	DWR_NA0022_01_s_2016_123				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : SP_2019_NA0022_350_123_20190304_00057.jpg



View of the rodent hole next to a tree stump on the landward side of the levee. Spring 2016.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	2.52	Rating **	U	Issue No.	123 (cont)	
LM End	2.52	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.787768 °		38.787768 °
				-121.694295 °		-121.694295 °
DWR ID	DWR_NA0022_01_s_2016_123					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						

Photo 2 of 2 : SP_2019_NA0022_350_123_20190304_00058.jpg



Perspective view of the rodent hole looking upstream. Spring 2016.

LM Start	2.58	Rating **	M	Issue No.	45
LM End	2.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.786968 °	38.786968 °
				-121.694270 °	-121.694270 °
DWR ID	DWR_NA0022_01_s_2019_45				
Comment Code					
PR : Prunings					
Inspector Comment					
Pile on the landside slope.					

No Photos

LM Start	2.64	Rating **	M	Issue No.	55
LM End	2.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.786108 °	38.786108 °
				-121.694365 °	-121.694365 °
DWR ID	DWR_NA0022_01_s_2019_55				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning pile is located on the landside slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	2.87	Rating **	M	Issue No.	52
LM End	2.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.783571 °	38.783345 °
				-121.692110 °	-121.691941 °
DWR ID	DWR_NA0022_01_f_2013_52				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2019_NA0022_350_52_20190304_00030.jpg



View of rodent holes on the landside slope. Spring 2018.

LM Start	2.92	Rating **	M	Issue No.	129
LM End	2.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.782993 °	38.782993 °
				-121.691583 °	-121.691583 °
DWR ID	DWR_NA0022_01_f_2018_129				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove trees less than 4" in diameter at chest height.					

No Photos

LM Start	3.11	Rating **	M	Issue No.	72
LM End	3.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.781165 °	38.781165 °
				-121.689072 °	-121.689072 °
DWR ID	DWR_NA0022_01_f_2017_72				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	3.14	Rating **	M	Issue No.	47
LM End	3.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.780857 °	38.780857 °
				-121.688921 °	-121.688921 °
DWR ID	DWR_NA0022_01_s_2015_47				
Comment Code					
TR : Tree or limb					
Inspector Comment					
The tree has fallen over from Spring 2014.					

Photo 1 of 2 : SP_2019_NA0022_350_47_20190304_00026.jpg



Some trees have fallen and others are dying and need to be monitored.
The trees may pose a threat to the levee. Spring 2014

LM Start	3.14	Rating **	M	Issue No.	47 (cont)
LM End	3.14	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2019_NA0022_350_47_20190304_00027.jpg



View of the fallen tree on the waterward side of the levee looking downstream. Spring 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

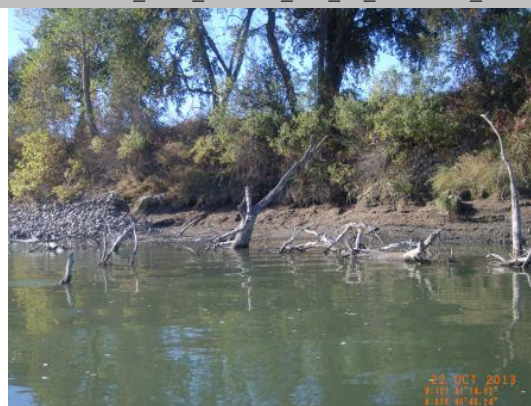
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	3.18	Rating **	A/W	Issue No.	48
LM End	3.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.780407 °	38.779137 °
				-121.688238 °	-121.687432 °
DWR ID	DWR_NA0022_01_f_2018_48				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 86.9 R					
Status: Eroding					
2017 Field Notes: No observed change.					
Site History: 2006 - Short section is into the levee toe, rest is near the levee toe. Mass failure and fluvial erosion of depositional material. Rock at the upstream and downstream ends. 2011 - Minor new erosion. 2012 - Slope continues to steepen, tree roots have become exposed, and new eddy formed.					

Photo 1 of 1 : SP_2019_NA0022_350_48_20190304_00028.jpg



USACE 2013 Photo #1

LM Start	3.20	Rating **	M	Issue No.	15
LM End	3.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.780032°	38.780032°
				-121.688508°	-121.688508°
DWR ID	DWR_NA0022_01_s_2016_15				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2019_NA0022_350_15_20190304_00008.jpg



View of the fallen tree on the waterward slope of the levee looking downstream. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	3.25	Rating **	M	Issue No.	62
LM End	3.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.779340 °	38.779340 °
				-121.688050 °	-121.688050 °
DWR ID	DWR_NA0022_01_s_2019_62				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are rodent holes on the landside and waterside slopes.					

No Photos

LM Start	3.31	Rating **	M	Issue No.	64
LM End	3.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.778500 °	38.778500 °
				-121.687578 °	-121.687578 °
DWR ID	DWR_NA0022_01_s_2019_64				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
There are rodent holes on the landside slope.					

No Photos

LM Start	3.34	Rating **	M	Issue No.	53
LM End	3.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.778097 °	38.778097 °
				-121.687339 °	-121.687339 °
DWR ID	DWR_NA0022_01_f_2018_53				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side WS : Water Side CR : Crown		A : Acceptable M : Minimally Acceptable U : Unacceptable		Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
N/A : Not Applicable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	3.41	Rating **	M	Issue No.	79
LM End	3.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.777204 °	38.777204 °
				-121.687045 °	-121.687045 °
DWR ID	DWR_NA0022_01_s_2015_79				
Comment Code					
Inspector Comment					
This issue was originally added as a stairway notched into the levee. Since 2016 it has become an erosion issue.					

Photo 1 of 3 : SP_2019_NA0022_350_79_20190304_00038.jpg



View of erosion on the landside slope. Fall 2016.

LM Start	3.41	Rating **	M	Issue No.	79 (cont)
LM End	3.41	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2019_NA0022_350_79_20190304_00037.jpg



View of erosion on the landside slope. Spring 2016.

LM Start	3.41	Rating **	M	Issue No.	79 (cont)
LM End	3.41	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2019_NA0022_350_79_20190304_00036.jpg



View of the stairs on the landward side of the levee looking downstream. Spring 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	3.58	Rating **	C	Issue No.	74
LM End	3.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.774773 °	38.774773 °
				-121.687237 °	-121.687237 °
DWR ID	DWR_NA0022_01_f_2017_74				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen limb on waterside slope.					

No Photos

LM Start	3.71	Rating **	M	Issue No.	131
LM End	3.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.773130 °	38.772706 °
				-121.688454 °	-121.688927 °
DWR ID	DWR_NA0022_01_s_2016_131				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove trees less than 4" in diameter at chest height and trim trees.					

No Photos

LM Start	3.90	Rating **	M	Issue No.	78
LM End	3.90	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.771249 °	38.771249 °
				-121.690990 °	-121.690990 °
DWR ID	DWR_NA0022_01_s_2018_78				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	3.92	Rating **	M	Issue No.	73
LM End	3.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.771040 °	38.771040 °
				-121.691298 °	-121.691298 °
DWR ID	DWR_NA0022_01_s_2019_73				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree cuttings are located on the landside slope.					

No Photos

LM Start	3.98	Rating **	C	Issue No.	172
LM End	3.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.770589 °	38.770589 °
				-121.692151 °	-121.692151 °
DWR ID	DWR_NA0022_01_s_2017_172				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	4.11	Rating **	M	Issue No.	134
LM End	4.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.769021 °	38.767275 °
				-121.693645 °	-121.693448 °
DWR ID	DWR_NA0022_01_s_2016_134				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	4.29	Rating **	M	Issue No.	126
LM End	4.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.766692 °	38.766692 °
				-121.692695 °	-121.692695 °
DWR ID	DWR_NA0022_01_f_2016_126				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove trees less than 4-inches in diameter at chest height.					

No Photos

LM Start	4.44	Rating **	M	Issue No.	81
LM End	4.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.765079 °	38.765079 °
				-121.690887 °	-121.690887 °
DWR ID	DWR_NA0022_01_f_2018_81				
Comment Code					
TR : Tree or limb					
Inspector Comment					
A fallen tree is located on the waterside slope.					

No Photos

LM Start	4.62	Rating **	M	Issue No.	136
LM End	4.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.763380 °	38.763380 °
				-121.688339 °	-121.688339 °
DWR ID	DWR_NA0022_01_s_2016_136				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	4.87	Rating **	M	Issue No.	137
LM End	4.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.763066 °	38.763158 °
				-121.683934 °	-121.683155 °
DWR ID	DWR_NA0022_01_s_2016_137				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	4.98	Rating **	M	Issue No.	86
LM End	4.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.762935 °	38.762935 °
				-121.681842 °	-121.681842 °
DWR ID	DWR_NA0022_01_s_2019_86				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	4.99	Rating **	M	Issue No.	66
LM End	4.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.762886 °	38.762886 °
				-121.681819 °	-121.681819 °
DWR ID	DWR_NA0022_01_f_2018_66				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

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Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	5.03	Rating **	M	Issue No.	139
LM End	5.03	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.762541 °	38.762541 °
				-121.681197 °	-121.681197 °
DWR ID	DWR_NA0022_01_s _ 2016_139				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove willows.					

No Photos

LM Start	5.07	Rating **	A/W	Issue No.	140
LM End	5.07	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.762163 °	38.762163 °
				-121.680674 °	-121.680674 °
DWR ID	DWR_NA0022_01_s _ 2018_140				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	5.11	Rating **	M	Issue No.	141
LM End	5.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.761632 °	38.761435 °
				-121.680132 °	-121.679986 °
DWR ID	DWR_NA0022_01_s _ 2016_141				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	5.18	Rating **	M	Issue No.	85
LM End	5.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.760861 °	38.760861 °
				-121.679476 °	-121.679476 °
DWR ID	DWR_NA0022_01_s_2018_85				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	5.19	Rating **	M	Issue No.	100
LM End	5.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.760703 °	38.760703 °
				-121.679320 °	-121.679320 °
DWR ID	DWR_NA0022_01_f_2015_100				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	5.29	Rating **	M	Issue No.	127
LM End	5.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.760013 °	38.759997 °
				-121.677758 °	-121.677724 °
DWR ID	DWR_NA0022_01_f_2016_127				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	5.50	Rating **	M	Issue No.	82
LM End	5.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.759594 °	38.759594 °
				-121.673860 °	-121.673860 °
DWR ID	DWR_NA0022_01_s_2015_82				
Comment Code					
TR : Tree or limb					
Inspector Comment					
A tree fell over on the waterward side of the levee.					

Photo 1 of 1 : SP_2019_NA0022_350_82_20190304_00039.jpg



View of the fallen tree on the waterward side of the levee looking downstream. Spring 2015.

LM Start	5.51	Rating **	A/W	Issue No.	143
LM End	5.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.759529 °	38.759529 °
				-121.673670 °	-121.673670 °
DWR ID	DWR_NA0022_01_s_2016_143				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	5.56	Rating **	M	Issue No.	83
LM End	5.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.759339 °	38.759339 °
				-121.672863 °	-121.672863 °
DWR ID	DWR_NA0022_01_s_2015_83				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings and fallen trees are on the waterward side of the levee.					

Photo 1 of 1 : SP_2019_NA0022_350_83_20190304_00040.jpg



View of the tree and tree limbs on the waterward side of the levee looking downstream. Spring 2015.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	5.67	Rating **	M	Issue No.	46
LM End	5.85	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey, DRAFT			38.759000 °	38.758880 °
				-121.670759 °	-121.667899 °
DWR ID	DWR_NA0022_01_f_2018_46				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 83.9 R					
Status: Eroding					
2017 Field Notes: Fresh erosion on lower bank.					
Site History: 2006 - Approximately 18 to 20 ft of bank near levee at the corner of the levee and the Freemont Weir. Vertical bank with undercutting/mass failure. 2007 - Staked at top of bank for monitoring.					
2011 - Site has become significantly worse with more of the toe and lower bank eroded. Many trees have fallen since last year. 2012 - Site looks worse with more ersion around trees. 2013 - Additional erosion into the toe. 2015 - Site extended upstream about 500 ft to account for eroding bank. 2016 - Site continues to erode. Multiple trees appear ready to fall into the river.					

Photo 1 of 3 : SP_2019_NA0022_350_46_20190304_00023.jpg



USACE 2013 Photo #1

LM Start	5.67	Rating **	M	Issue No.	46 (cont)
LM End	5.85	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SP_2019_NA0022_350_46_20190304_00024.jpg



USACE 2013 Photo #2

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

Yolo County Service Area 6

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank of Sacramento River at Knights Landing	Right	5.87	03/29/2019 03/29/2019	Zach Jojola

LM Start	5.67	Rating **	M	Issue No.	46 (cont)	
LM End	5.85	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 USACE Erosion Survey, DRAFT			38.759000 °	38.758880 °	
				-121.670759 °	-121.667899 °	
DWR ID	DWR_NA0022_01_f_2018_46					
Comment Code						
Inspector Comment						
2017 Site ID: SAC 83.9 R						
Status: Eroding						
2017 Field Notes: Fresh erosion on lower bank.						
Site History: 2006 - Approximately 18 to 20 ft of bank near levee at the corner of the levee and the Freemont Weir. Vertical bank with undercutting/mass failure. 2007 - Staked at top of bank for monitoring.						
2011 - Site has become significantly worse with more of the toe and lower bank eroded. Many trees have fallen since last year. 2012 - Site looks worse with more ersion around trees. 2013 - Additional erosion into the toe. 2015 - Site extended upstream about 500 ft to account for eroding bank. 2016 - Site continues to erode. Multiple trees appear ready to fall into the river.						

Photo 3 of 3 : SP_2019_NA0022_350_46_20190304_00025.jpg



USACE 2013 Photo #3

LM Start	5.85	Rating **	A/W	Issue No.	57
LM End		Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.759100 °	°
				-121.667964 °	°
DWR ID	DWR_NA0022_01_f_2017_57				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:Immediately U.S. of Fremont Weir					
Site ID No:490					
Site Designation:LMA-328					
Repair Type: Erosion					
Rating:Serious					
Field Date:7/27/2017					
Notes: wide crown. Erosion not in prism. May be a new erosion pocket, but need to compare to fsrp data. Old veg still present.					

Photo 1 of 1 : LEVAL_SP_2019_490_4925.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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